

## Flasher Test Systems

### Description:

PRC has designed and manufactured “Flasher Test Systems” to facilitate the Auto electric component manufacturers such as flashers. These flashers are regularly to be checked for various electric parameters to run them perfectly. These flashers are used in automobiles fairly often and have to test prior to put in use.



### Application:

The system has to test “On time” of flasher & “Cycles per minute (CPM)” of flasher

### Salient Features:

- Accurate & precision measurement
- Microcontroller type
- Rugged & robust to suit industrial environment
- User friendly & password protected
- Nonstop performance
- Cost effective & compact in design

## System description:

Panel	-	Microcontroller based
Display	-	16 X 2 LCD display with backlight for display of parameters,
Key pad	-	8 keys key pad for parameter setting,
Power switch	-	Power ON / OFF switch
Indicators	-	OK (Red) & NG (Red) with Buzzer
System hardware	-	Main card for accepting 8 digital I/O Analog LVDT card Digital Analog Converter (DAC) card Filter card for 230 V AC SMPS – 5 V DC, 1 Amp & 24 V DC, 4.5 Amps
Rear Panel		
Inputs & Outputs	-	10 & 12 pin Mini fit input & Outputs connectors
Output connector	-	3 pin (green color)
Fuse	-	Rating 2 amp for power Rating 2 amp for output
Power supply	-	Mains power supply - 220 V AC, 50 Hz, $\pm 10\%$ , Circuit supply – 5 V DC & 24 V DC

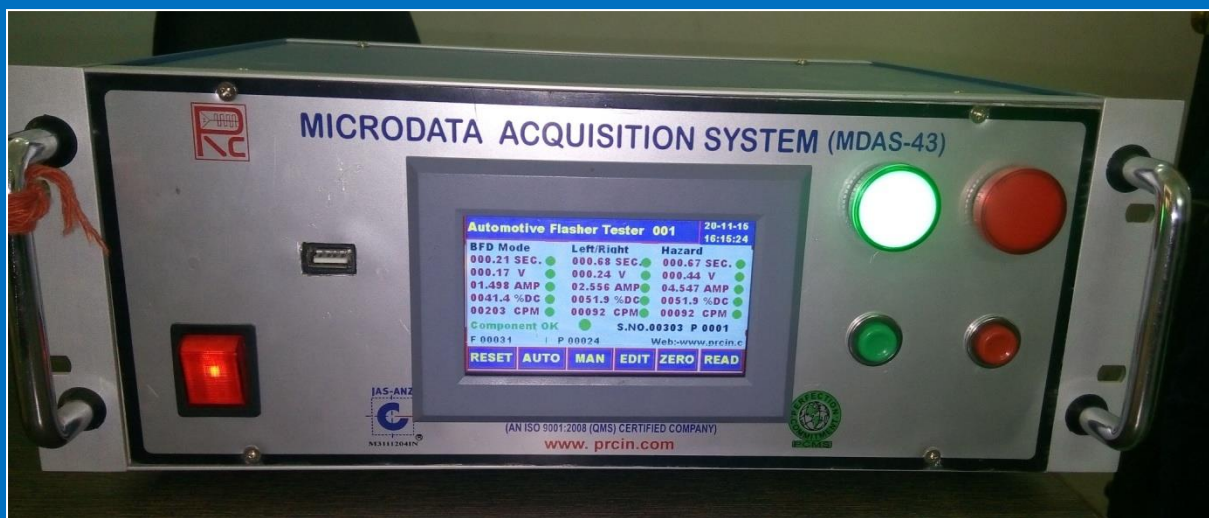
## On line Flasher Test Systems

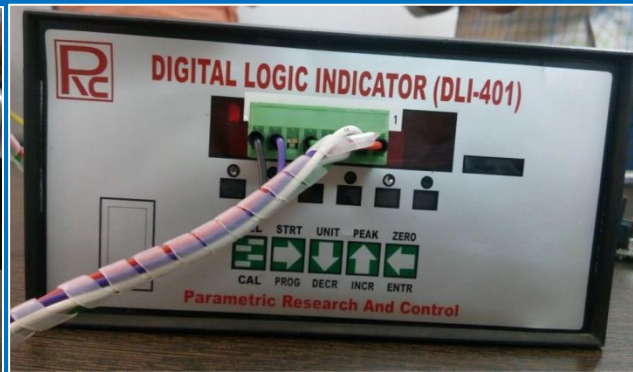
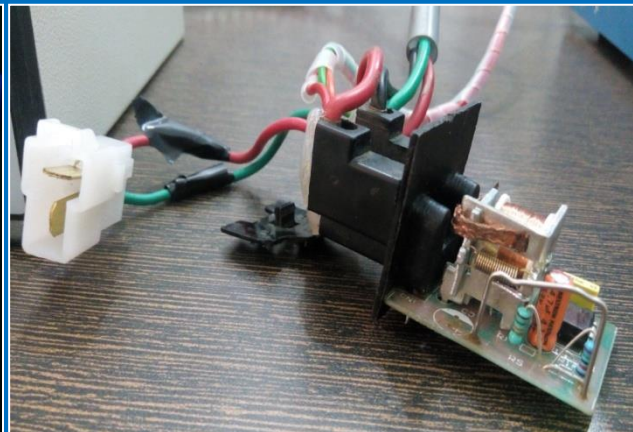
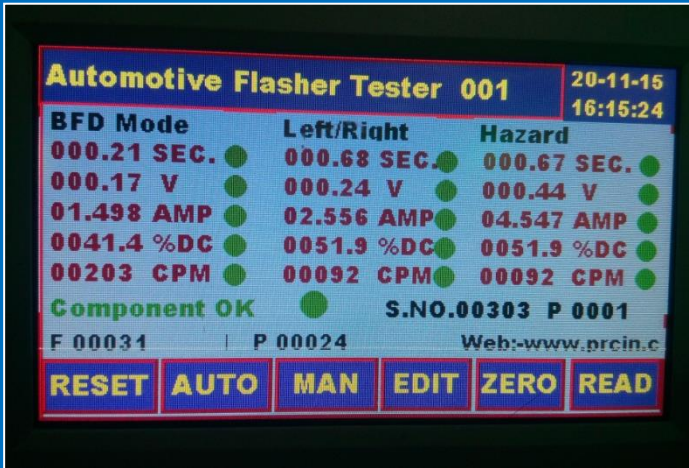
This system has designed for online testing of flashers of automotives to test their versatility and accurate functioning. It is a HMI Touch screen based smart test system with menu driven software. The system tests flashers in three modes,

1. BFD Mode – in which it tests one flasher at a time
2. Left/Right Mode – in which it tests two flashers at a time &
3. Hazard Mode – in which it tests four flashers at a time

Testing parameters:

It tests voltage, amp, %DC & CPM with in a stipulated time period in seconds. User can also feed identity mark of components. It shows on screen display of date & real time clock.





## Contact us:

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## **We also manufacture:**

- ✓ Design & Development of Customized requirements
- ✓ Microcontroller Based Systems for Load, Pressure, Torque, Displacement, Temperature, Multifunction Digital Indicators, Batching Systems, Data Acquisition Systems, Air Leakage Testing System, Light Testing System, Computerization of Materials Testing Machines, Timers, Counters, Production Counter, Impact Tester, Hardness Tester.